



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE RD, STE 102
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

January 6, 2026

Christopher H. Mudrick
Senior Vice President and
Chief Nuclear Officer
Constellation Energy Generation, LLC
President
Constellation Nuclear
200 Energy Way, KSA-3N
Kennett Square, PA 19348

SUBJECT: NINE MILE POINT NUCLEAR STATION, UNITS 1 AND 2 – SECURITY
BASELINE INSPECTION REPORT 05000220/2025404 AND 05000410/2025404

Dear Christopher Mudrick:

On December 18, 2025, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Nine Mile Point Nuclear Station, Units 1 and 2 and discussed the results of this inspection with Tim Peter, Site Vice President, and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, “Public Inspections, Exemptions, Requests for Withholding.”

Sincerely,

Brice A. Bickett, Chief
Security, Emergency Preparedness and Incident
Response Branch
Division of Radiological Safety and Security

Docket Nos. 05000220 and 05000410
License Nos. DPR-63 and NPF-69

Enclosure:
As stated

cc w/ encl: Distribution via ListServ

SUBJECT: NINE MILE POINT NUCLEAR STATION, UNITS 1 AND 2 – SECURITY
BASELINE INSPECTION REPORT 05000220/2025404 AND 05000410/2025404
DATED JANUARY 6, 2026

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U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Numbers: 05000220 and 05000410

License Numbers: DPR-63 and NPF-69

Report Numbers: 05000220/2025404 and 05000410/2025404

Enterprise Identifier: I-2025-404-0020

Licensee: Constellation Energy Generation, LLC

Facility: Nine Mile Point Nuclear Station, Units 1 and 2

Location: Oswego, NY

Inspection Dates: December 15, 2025 to December 18, 2025

Inspectors: T. Eck, Senior Physical Security Inspector
C. Davis, Physical Security Inspector

Approved By: Brice A. Bickett, Chief
Security, Emergency Preparedness and Incident Response Branch
Division of Radiological Safety & Security

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Nine Mile Point Nuclear Station, Units 1 and 2, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

SAFEGUARDS

71130.02 - Access Control

The inspectors evaluated the access control program through completion of the following inspection elements:

Access Control (1 Sample)

- (1) 19 Requirements (02.01 c and e, 02.02 c – g, 02.04 a – c and e, 02.05 a, 02.06 a – c, 02.08 e - g, 02.09)

71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program. The following elements were evaluated from IP:

Equipment Performance, Testing, and Maintenance (1 Sample)

- (1) 38 Requirements (02.01 a, 02.02 a - i, 02.03 a - c, 02.04 a - c, f, g, 02.06 a, b, d, e, 02.07 a - d, 02.08 a - e, 02.09 a, 02.09 a, 02.10 a, 02.11 a, c, 02.12 a, 02.14)

71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following procedure elements:

Security Training (1 Sample)

- (1) 14 Requirements (02.01 a, 02.02 a, b, c, d, f, 02.03 a, b, c, 02.04 a, 02.05 a, b, 02.06 b, 02.10.)

71130.09 - Security Plan Changes

The inspectors evaluated the security plan changes through completion of the following procedure elements:

Security Plan Changes (1 Sample)

- (1) Since the last NRC baseline inspection of this program area, Security Plan Revision 15 to 16 was implemented. Based on Nine Mile Point Nuclear Station's evaluation, and in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 50.54(p)(2), the changes resulted in no decrease in safeguards effectiveness of the security plan and the revised security plan changes continues to meet the requirements of 10 CFR 73.55(b). The inspectors conducted a review of the security plan changes to evaluate for a potential decrease in safeguards effectiveness of the security plan; however, this review does not constitute formal NRC approval of those changes. Therefore, the changes remain subject to future NRC inspection in their entirety.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

- (1) April 1, 2024 through September 30, 2025.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified that no proprietary information was retained or documented in this report.

- On December 18, 2025, the inspectors presented the security baseline inspection results to Tim Peter, Site Vice President, and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents	04734622 04734888 04759374 04769024 04784422 04816113 04841513 04847532 04868536		
	Miscellaneous	NOSA-NMP-23-01	Security Programs Audit Report AR 4546410	February 8, 2023
	Procedures	SY-AA-101-106	Control and Classification of Safeguards Information and Sensitive Unclassified Non-Safeguards Information	Revision 23
		SY-AA-101-112	Constellation Security Search Process	Revision 39
		SY-AA-101-112-104	Protected Area Search Process	Revision 0
		SY-AA-101-118	Control of Badges	Revision 11
		SY-AA-101-120	Control of Security Access Control Devices	Revision 10
		SY-AA-101-122-103	Performance of Access Control Device and Portal Tests	Revision 1
		SY-AA-101-132-F-02	Two Person Line of Sight Implementation Checklist Instructions for Security and ERO	Revision 3
		SY-NM-101-115	Operation of Power Operated Active Vehicle Barriers	Revision 7
		SY-NM-101-115-101	Nine Mile Point Gate Controls	Revision 1
		SY-NM-101-119	Off-Site Receiving Warehouse Control at Nine Mile Point	Revision 0
		SY-NM-101-122-101	Performance of Site Specific Security System Tests	Revision 1
71130.04	Miscellaneous		2023 Record of Semi-Annual Functionality and Accuracy Tests and Firearm Maintenance Logs	
			2025 Record of Semi-Annual Functionality and Accuracy Tests and Firearm Maintenance Logs	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.07			2024 Record of Semi-Annual Functionality and Accuracy Tests and Firearm Maintenance Logs	
		N1 S250001PWSUP003	NMP Security UPS Vendor Manual	
		SY-AA-150-103	Firearms Maintenance, Testing and Accountability	Revision 3
		SY-AA-500-127	Safety/Security Interface	Revision 7
		SY-AA-101-122	Testing Security Equipment	Revision 22
	Procedures	SY-AA-101-122-101	Performance of Perimeter Intrusion Detection/Camera System Tests	Revision 1
		SY-AA-150-103	Firearms Maintenance, Testing, and Accountability	Revision 3
		SY-NM-101-102-1001	NMP Compensating for Security System Failures	Revision 14
		SY-NM-101-122-101	Performance of Site Specific Security System Tests	Revision 2
71130.07	Corrective Action Documents	04759988 04765445 04798700		
71130.09	Miscellaneous		Nine Mile Point Tactical Course (PowerPoint Presentation)	
		4101-PP-R0	Weapons Safety Fundamentals	
		4105-PP-R0	Rifle Marksmanship, Tactical and Night Familiarization Firing	
		4106-PP-R0	Tactical Weapons Training	
		N-AN-SY-LP-4301X	Annual Written Exam	
	Procedures	SY-AA-150-101	Constellation Nuclear Security Training	Revision 4
		SY-AA-150-104	Constellation Nuclear Security OJT Program	Revision 3
		SY-AA-152	Tactical Course Development, Approval & Conduct	Revision 7
	Self-Assessments	NOSA-NMP-25-01	Security Programs Audit	
	Corrective Action Documents	04831687		
	Procedures		Nine Mile Point Nuclear Station Physical Security, Safeguards Contingency, Security Training and Qualification Plan, and Security Program for the Nine Mile Point Independent Spent Fuel Storage Installation.	Revision 16